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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 78 678. %. ug	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP00/01731	International filing date (day/month/year) 01 March 2000 (01.03.00)	Priority date (day/month/year) 05 March 1999 (05.03.99)
International Patent Classification (IPC) or national classification and IPC D21G 1/02		
Applicant WALZEN IRLE GMBH		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☐ Certain observations on the international application

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Date of submission of the demand 02 October 2000 (02.10.00)	Date of completion of this report 11 December 2000 (11.12.2000)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP00/01731

## I. Basis of the report

1. This report has been drawn on the basis of *(Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.)*:

☐ the international application as originally filed.

☒ the description, pages 1-4, as originally filed,  
 pages \_\_\_\_\_, filed with the demand,  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☒ the claims, Nos. 1-6, as originally filed,  
 Nos. \_\_\_\_\_, as amended under Article 19,  
 Nos. \_\_\_\_\_, filed with the demand,  
 Nos. \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 Nos. \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☒ the drawings, sheets/fig 1/1, as originally filed,  
 sheets/fig \_\_\_\_\_, filed with the demand,  
 sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
 sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

2. The amendments have resulted in the cancellation of:

☐ the description, pages \_\_\_\_\_

☐ the claims, Nos. \_\_\_\_\_

☐ the drawings, sheets/fig \_\_\_\_\_

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

4. Additional observations, if necessary:

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

Novelty (N)	Claims	1-6	YES
	Claims		NO
Inventive step (IS)	Claims	1-6	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-6	YES
	Claims		NO

## 2. Citations and explanations

1. Reference is made to the following document:

D1: DE-A-43 19 868.

2. In none of the documents relating to the prior art is disclosure made of a heatable calender bowl with all the features in independent Claim 1.

Therefore the device as described in Claim 1 is novel (PCT Article 33(2)).

3. Nowhere in the known prior art (i.e. neither in D1, which constitutes the closest prior art and is cited in the description, nor in the search report citation US-5 404 936) does the person skilled in the art find any inducement to develop a calender bowl as disclosed in D1, according to the characterising part of Claim 1. D1, which represents the closest prior art to the subject matter of this application, describes only those features set out in the preamble to Claim 1 of the present application.

None of the documents cited contains anything that might suggest any kind of adjustability - by rotation or axial displacement for example - of the insulating sleeves which are mounted near the ends of the peripheral bores.

The provision of adjusting devices associated to the flange journals for controlled rotation or axial displacement of the insulating brushes is based on an original idea which does not constitute a simple, logical extension of the prior art.

Therefore the device as disclosed in Claim 1 appears to satisfy the requirements of PCT Article 33(3), and since it is functional and can be manufactured it can also be considered industrially applicable (PCT Article 33(4)).

4. The dependent Claims 2 to 6 represent useful modifications of the device as per Claim 1 and thus also satisfy the requirements of PCT Article 33(2), 33(3) and 33(4).

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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## VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

1. The features set out in the preamble to Claim 1 are not given reference signs placed in brackets (PCT Rule 6.2(b)).
2. Contrary to the requirements of PCT Rule 5.1(a)(ii), the description does not cite D1 or indicate the relevant prior art disclosed therein.